



MI-CW3416

Michigan Crop Weather

August 22, 2016

Field Crops

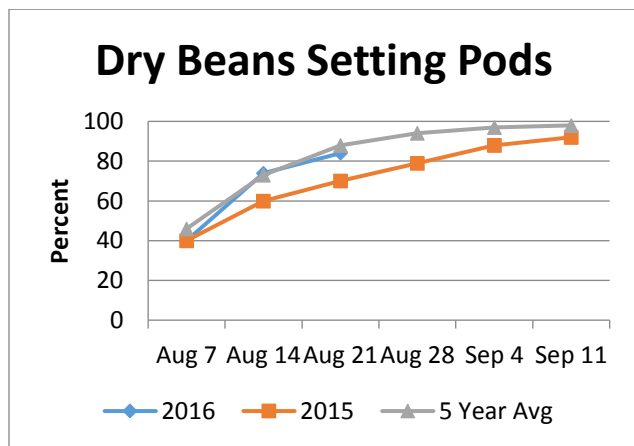
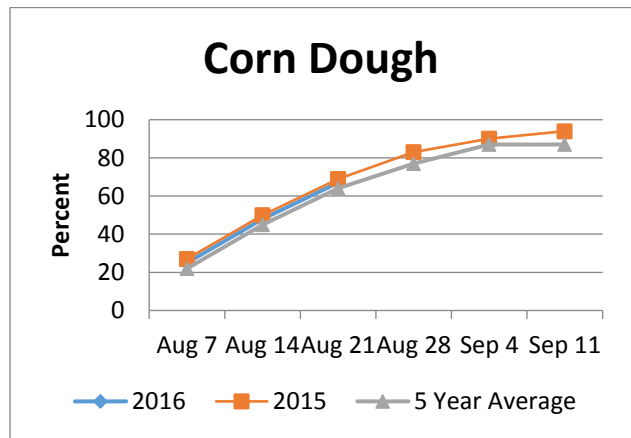
There were 3.6 days suitable for fieldwork in Michigan during the week ending August 21, 2016, according to Marlo Johnson, Director of the Great Lakes Regional office of the National Agricultural Statistics Service. The week was marked by heavy rain showers across the State, varying from 1 inch to 8 inches total with lower central Michigan having received the most. Several tornado events were confirmed with potential damage to crops being reported. Overall, topsoil and subsoil moisture had shown improvement, but excess rain caused runoff in some areas. The rain benefited **soybeans** and **sugarbeets** yield and quality, and will assist the crops as they near maturity. Some weed pressure in **soybeans** had continued. The rain also improved grain fill and quality of **corn**, but yields may suffer due to the preceding dry weather. Most **dry beans** also responded well to the rain, although some disease and premature yellowing has been reported. Both pasture and **hay** are back to green and there was a renewed potential for additional cuttings.

Fruit

Showers and thunderstorms across the State provided much needed relief to most fruit growing areas of the State. Effects from Saturday's tornadoes reported across five counties in the west central region were too early to fully assess. **Blueberry** growers were finishing harvest of Bluecrop and concentrating on Elliot and Aurora harvest; in the west central region, blueberries harvested for fresh pack was reported to have excellent flavor and quality despite the summer drought and problems associated with the presence of spotted wing Drosophila (SWD) in fields. Bramble harvest continued with fall red **raspberries** and **blackberries**; growers continued to monitor fields for fruit rots and SWD. Japanese **plum** harvest was winding down while European **plums** were still coloring, with fruit size mostly 1.375 to 1.5 inches in diameter in the east. Several varieties of **peaches** continued to be harvested across the State; small fruit size was an issue for pickings of Red Haven in the east. **Pear** fruit were 2.25 inches in diameter; growers in the southwest were putting out boxes in orchards in anticipation of Bartlett harvest. **Apple** fruit were 2.5 to 2.75 inches in diameter with some reports of fruit 3 inches in diameter; harvest of summer **apple** varieties continued and some Paula Reds were being spot picked in the east. Clusters of European varieties of **grapes** were at berry touch while veraison continued in early and larger ripening varieties including Concorde.

Vegetables

Processing tomato harvest started in the southeast as weather allowed. In the eastern region **peppers** and **green beans** were being harvested. **Carrots** were continuing to size nicely in Oceana County despite increasing pest pressure. **Potato** and **sweet corn** harvest continued in the southwest. Across most of the State conditions continued to be conducive for foliar disease. Downy mildew pressure in **vine crops** increased as well as late blight risk in potatoes and tomatoes. Growers are encouraged to continue scouting efforts early and often.



Crop Condition: Week Ending 08/21/16

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	5	10	29	43	13
Soybeans	2	9	28	51	10
Dry Edible Beans.....	6	15	29	40	10
Sugarbeets	2	5	25	59	9
Range and Pasture	9	20	28	36	7

Crop Progress: Week Ending 08/21/16

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	3.6	5.5	-	-
Corn Dough.....	67	48	69	64
Corn Dented	15	1	10	12
Soybeans Setting Pods.....	87	75	93	91
Dry Beans Blooming	91	88	95	98
Dry Beans Setting Pods	84	74	70	88
Dry Beans Dropping Leaves..	4	NA	1	0
Alfalfa Hay 2nd Cutting	94	91	90	NA
Alfalfa Hay 3rd Cutting	43	32	44	NA
Other Hay 2nd Cutting	81	75	85	NA
Other Hay 3rd Cutting	22	17	15	NA
Oats Mature	94	91	99	NA
Oats Harvested	72	53	75	79

Soil Moisture: Week Ending 08/21/16

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	6	16	62	16
Subsoil moisture.....	9	27	57	7

LAST WEEK WEATHER SUMMARY DATA April 1, 2016 - August 21, 2016												
STATION	TEMPERATURE				PRECIPITATION 4IN			PRECIPITATION			GDD BASE 50F	
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	HI	LO	AVG	DFN	TOTAL	DAYS	TEMP	TOTAL	DFN	DYS	TOTAL	DFN
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10 Western UP												
Clarksburg	86	45	65	-2	2.23	5		16.12	+3.75	60	1247	-85
Hancock_Houghto	84	53	67	+4	1.70	3		14.55	+2.71	55	1379	+109
Ironwood_Ag	82	52	66	+4	2.79	2		24.31	+8.50	66	1451	+148
Marquette_Ag	87	55	68	+3	3.31	6		16.63	+4.26	63	1378	+46
Menominee_AP	85	57	71	+4	1.18	6		11.41	-3.67	72	1757	+5
Norway	84	55	70	+5	1.94	5		14.07	-0.90	57	1707	+170
Paulding	84	49	64	+2	3.87	3		21.35	+6.94	66	1355	+106
Stambaugh	83	45	65	+5	2.09	4		18.53	+2.92	63	1337	+206
10 Eastern UP												
Chatham_Exp_Far	87	51	68	+4	2.36	5		15.53	+2.85	65	1449	+161
Garden_Corners	86	57	70	+4	2.05	5		13.22	+0.23	54	1446	+47
Manistique_WWTP	79	59	70	+6	2.91	3		17.03	+4.06	45	1277	+158
Moran	85	57	71	+5	1.69	4		13.08	+1.70	46	1406	+7
Newberry_City	90	56	70	+6	2.10	6		14.48	+1.45	68	1353	+12
Rudyard_4N	83	52	68	+6	1.86	6		10.88	-1.96	53	1236	+53
Sault_Ste_Marie	86	58	72	+10	1.42	4		12.43	-1.08	51	1604	+465
20 Northwest LP												
Antrim_Co_Arpt	87	56	72	+7	0.96	4		7.18	-5.15	67	1771	+372
Beulah_7SSW	85	63	73	+6	3.46	4		13.09	-0.65	51	1911	+307
Cadillac_WWTP	86	58	72	+8	1.88	4		15.13	+0.95	58	1795	+373
East_Jordan_2NW	85	58	72	+7	2.50	3		12.57	-0.67	45	1716	+173
Kalkaska_Ag	86	55	71	+8	2.31	4		11.44	-2.23	49	1698	+322
Lake_City_Exp_F	88	54	70	+7	1.37	3		15.15	+1.34	58	1681	+255
NW Michigan_Res	86	59	73	+8	2.42	4	80	11.49	-0.84	51	1922	+523
Pellston_Regnl	87	53	71	+7	0.92	2		9.66	-1.95	53	1607	+304
Traverse_City_M	87	61	72	+6	2.55	4		11.88	-1.86	51	1832	+167
30 Northeast LP												
Alpena_Co_Regio	87	59	73	+9	0.41	6		9.89	-3.17	50	1818	+463
Atlanta_5WNW	88	55	71	+6	0.90	3		11.29	-0.34	40	1552	+46
Hale_5SSW	84	56	70	+6	2.62	4		14.22	+0.73	37	1661	+178
Mio_WWTP	86	57	72	+7	1.85	4		11.90	-0.57	55	1741	+216
Rogers_City_NO2	83	62	72	+8	2.29	4		12.08	-0.80	40	1693	+306
Vanderbilt	86	51	69	+7	1.09	3		13.27	-0.16	40	1467	+202
West_Branch	85	59	72	+6	2.78	6		15.15	+1.09	54	1793	+192
40 West Central LP												
Fremont_4WSW	86	60	73	+8	1.39	2		14.89	+0.76	45	2037	+449
Hart_3WSW	86	57	72	+6	0.80	3		14.33	-0.44	59	1885	+246
Ludington_Mason	83	57	71	+4	1.43	5		9.41	-4.53	68	1699	-6
Muskegon_Co_AP	86	63	75	+8	0.66	2		15.72	+2.45	52	2152	+397
50 Central LP												
Alma_Ag	87	62	74	+6	3.39	4		15.78	+1.52	51	2043	+202
Big_Rapids_WTR	86	57	71	+5	0.67	5		16.51	+1.64	59	1751	+37
Gladwin	86	60	73	+7	1.31	4		14.53	+0.58	48	1940	+294
Mount_Pleasant	86	60	74	+7	1.95	4		9.18	-5.25	67	2059	+241
Oil_City_3E	85	59	73	+3	6.74	6		19.16	+5.56	60	1780	-294
Reed_City_WWTP	85	60	72	+8	1.21	4		15.91	+1.86	59	1879	+364
60 East Central LP												
Auburn_2NE	85	60	73	+3	3.89	5		16.19	+2.59	52	1960	-114
Bad_Axe_Ag	87	63	74	+8	3.46	4		13.57	-0.47	48	1934	+320
Saginaw_NO3	87	62	75	+5	4.22	5		17.40	+3.48	49	2189	+72
Sandusky	86	62	74	+6	3.04	6		15.72	+3.34	48	2029	+250
Vassar	86	61	73	+5	3.53	5		15.64	+1.55	47	1934	+64
70 Southwest LP												
Benton_Harbor_A	85	65	74	+6	3.24	3		16.27	+0.17	55	2237	+350
Bloomingsdale	86	60	73	+5	3.82	5		21.76	+4.98	49	2056	+230
Dowagiac	83	61	73	+5	4.00	5		17.99	+0.89	54	2119	+167
East_Grand_Rapi	84	60	72	+4	3.26	3		19.28	+2.76	52	2005	+57
Kalamazoo_Intl	84	61	74	+3	4.85	5		22.83	+5.75	54	2324	+126
Kent_City	87	61	74	+6	1.56	4		17.51	+4.24	57	1860	+105
80 South Central LP												
Battle_Creek_5N	89	55	72	+4	4.65	6		18.23	+2.13	57	2201	+268
Charlotte_WWTP	84	61	73	+6	4.00	6		18.16	+2.72	57	2028	+200
Coldwater_Branc	84	60	73	+5	2.41	6		12.23	-4.93	64	2194	+306
Hastings	84	60	72	+4	5.74	4		24.65	+8.53	57	2018	+163
Hillsdale_Ag	86	60	72	+5	3.75	7		18.65	+1.15	59	2081	+258
Lansing	84	62	74	+7	3.88	4		16.20	+1.85	52	2242	+413
Owosso_WWTP	85	61	74	+7	2.99	4		17.16	+3.35	51	2072	+310
Three_Rivers_Ag	84	60	72	+5	6.98	5		22.31	+4.98	56	2101	+188
90 Southeast LP												
Burton	86	60	73	+5	2.57	4		14.83	+0.48	57	1923	+95
Farmington	85	62	73	+2	1.96	4		12.76	-1.95	50	2115	-73
Grosse_Pte_Farm	88	63	75	+5	3.10	4		13.29	-2.16	41	2230	+82
Lapeer_WWTP	87	62	74	+8	2.38	4		14.24	+0.06	46	2090	+342
Newport_4SSE	88	64	76	+5	2.51	5		12.98	-2.68	56	2311	+29
Richmond_4NNW	88	63	75	+6	2.47	4		16.58	+2.06	42	2122	+187
Saline_WWTP	86	56	71	+1	3.28	5		14.46	-0.88	54	2154	+68
Tipton	85	58	72	+3	1.80	5		16.95	+0.92	52	2121	+153
Whitmore_Lake	84	61	72	+4	2.41	5		14.56	+1.29	45	1991	+112
Yale	84	61	72	+5	2.51	5		14.72	+2.34	43	1915	+136